

#### ABSTRACT OF THE DISCLOSURE

The present invention relates to composite metallic ultrafine particles which have excellent dispersion stability and can be produced on an industrial scale, and a process for  
5 producing the same, and a method and an apparatus for forming an interconnection with use of the same. A surface of a core metal produced from a metallic salt, a metallic oxide, or a metallic hydroxide and having a particle diameter of 1 to 100 nm is covered with an organic compound including a functional  
10 group having chemisorption capability onto the surface of the core metal.